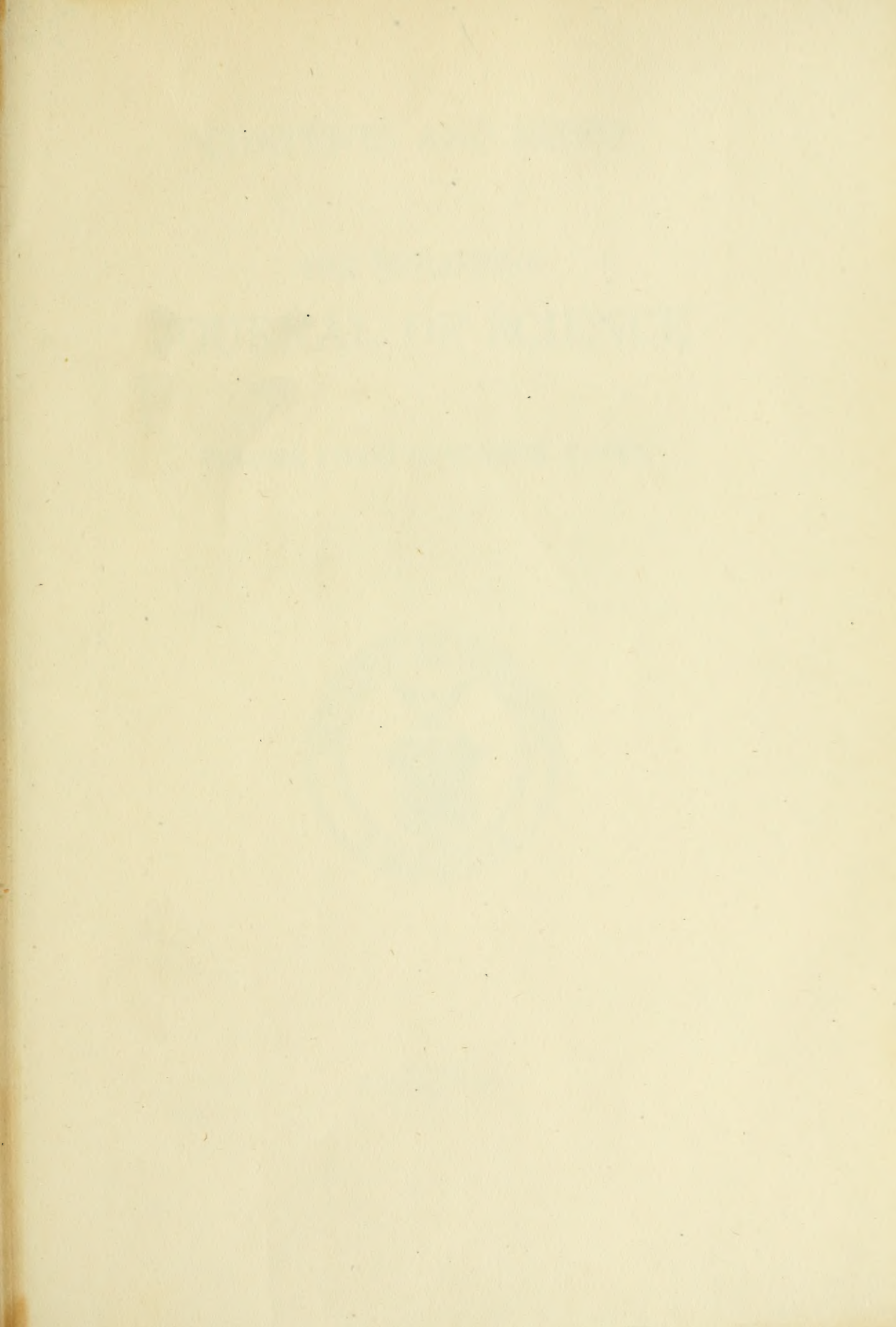


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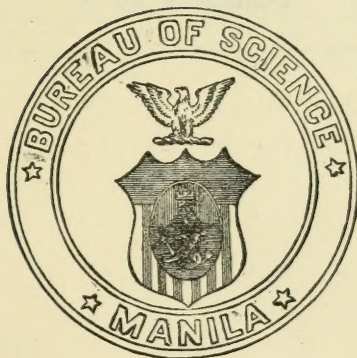


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INTRODUCTION

This volume includes a complete contents of the Philippine Journal of Science, Volumes I to X (1906 to 1915);¹ an author index; and a subject index.

Volume I (1906) was issued in one section of ten numbers, with a botanical supplement of five numbers.

Volumes II to IV (1907-1909) were issued in three sections of six numbers each:

- Section A, General Science.
- Section B, Medical Sciences.
- Section C, Botany.

Volumes V to X (1910-1915) were issued in four sections of six numbers each:

- Section A, Chemical and Geological Sciences and the Industries.
- Section B, Medical Sciences.
- Section C, Botany.
- Section D, Ethnology, Anthropology, and General Biology.

The names of some of the sections were occasionally subjected to slight changes. All of these will be found indicated in the contents, as well as the actual date of issue of each number of the Journal. The author index follows the contents. Classification of all articles is included in the subject index.

The following is the scheme of classification adopted:

Anatomy.

Anthropology.

Apparatus.

Bacteriology.

Bibliography.

Botany:

Algæ.

Bryophyta.

Ecology.

Economic.

Fungi.

General.

Lichenes.

Morphology.

Myxogastres.

Phytogeography.

Plant physiology.

Pteridophyta.

Spermatophyta.

Chemistry:

Acids, alkalies, and salts.

Analytical.

Apparatus, *see* Apparatus.

Biological.

Botany.

Cellulose and paper.

Cement and other building materials.

Dyes and textile.

Fats, fatty oils, and soaps.

Fermented and distilled liquors.

Foods.

Fuels, gas, tar, and coke.

General and physical.

Glass and ceramics.

Inorganic.

Leather and glue.

Mineralogical and geological.

¹ Paul C. Freer, M. D., Ph. D., general editor, 1906-April, 1912; Alvin J. Cox, M. A., Ph. D., general editor, May, 1912, to date.

- Chemistry—Continued.
 Organic.
 Paints, varnishes, and resins.
 Petroleum, asphalt, and wood products.
 Pharmacology.
 Radioactivity.
 Soils and fertilizers.
 Sugar, starch, and gums.
 Water, sewage, and sanitation.
- Geology:
 Dynamic and structural.
 Economic.
 Mineralogy.
 Paleozoölogy.
 Petrology.
- Histology.
- Medicine:
 Anatomy, *see* Anatomy.
 Bacteriology, *see* Bacteriology.
 Experimental.
 General.
 Gynecology and obstetrics.
 Histology, *see* Histology.
 Hygiene.
 Parasitology.
 Pathology, general.
 Pediatrics.
 Pharmacology, *see* Chemistry—Pharmacology.
 Surgery.
- Memorial.
- Parasitology, *see* Medicine—Parasitology.
- Pathology, *see* Bacteriology, Histology, Medicine-Parasitology, and Medicine-Pathology.
- Physics.
 Science, Bureau of.
 Technic, collecting.
- Zoölogy:
 Amphibia.
 Annulata.
 Arachnida.
 Aves.
 Cœlenterata.
 Crustacea.
 Echinodermata.
 Insecta—
 Coleoptera.
 Diptera.
 Hemiptera.
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 Porifera.
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Volume numbers are printed in Roman numerals, sections are indicated by capital letters, the supplement to Volume I is indicated by the abbreviation "s," and page numbers are printed in Arabic numerals. Page references to new scientific names or new combinations are printed in heavy-faced type. In case a name is repeated several times in an article, only the first, or most important, reference is indexed. Articles in the memorial number of Volume VII are distinguished by the letters "m. n." followed by the page number in Roman numerals.

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